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**G4A AUDB**  
**U1S S2268**

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**GB 2328304 A**

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UK CL (Edition R ) **G4A AUDB**  
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**ONLINE:WP/LEPODOC,JAPIO**

(54) Abstract Title  
**Card system for the Internet**

(57) A card system for the Internet capable of collecting (visiting, business or calling) card data and providing the same to user in a convenient manner has the features of each user having a unique card number and password, updating data at any time and providing the same to the Internet, establishing a personal address book, accessing data through the Internet, and querying updated data in real time. With this card management system, a conventional technique of printing new cards and keeping many cards as well as a card folder/album are eliminated.

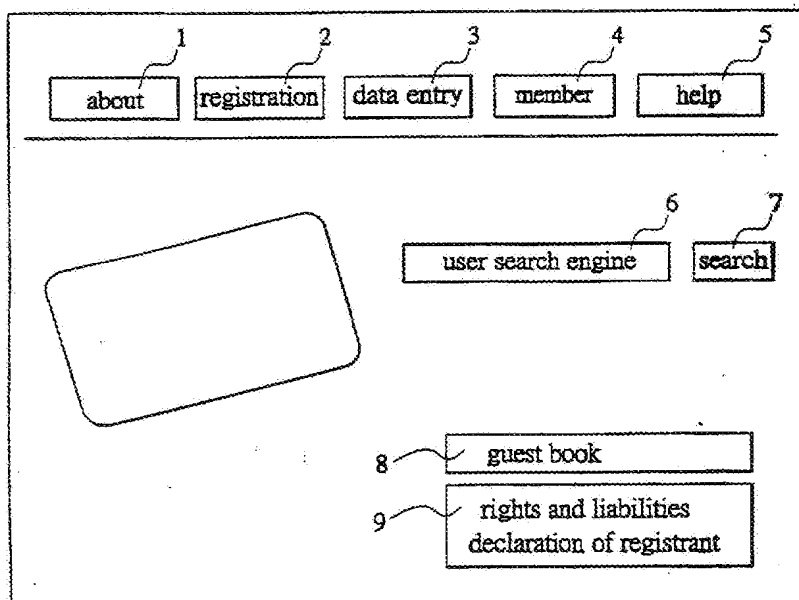


FIG. 1

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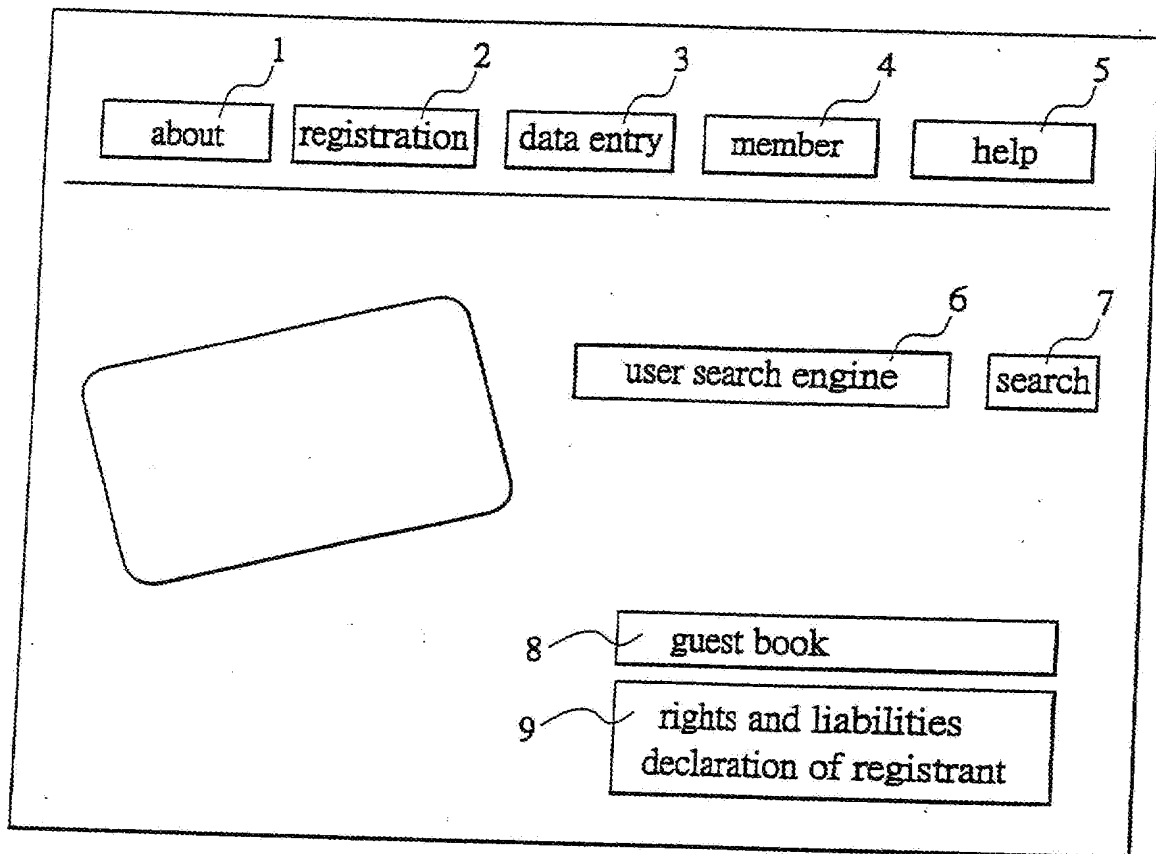


FIG. 1

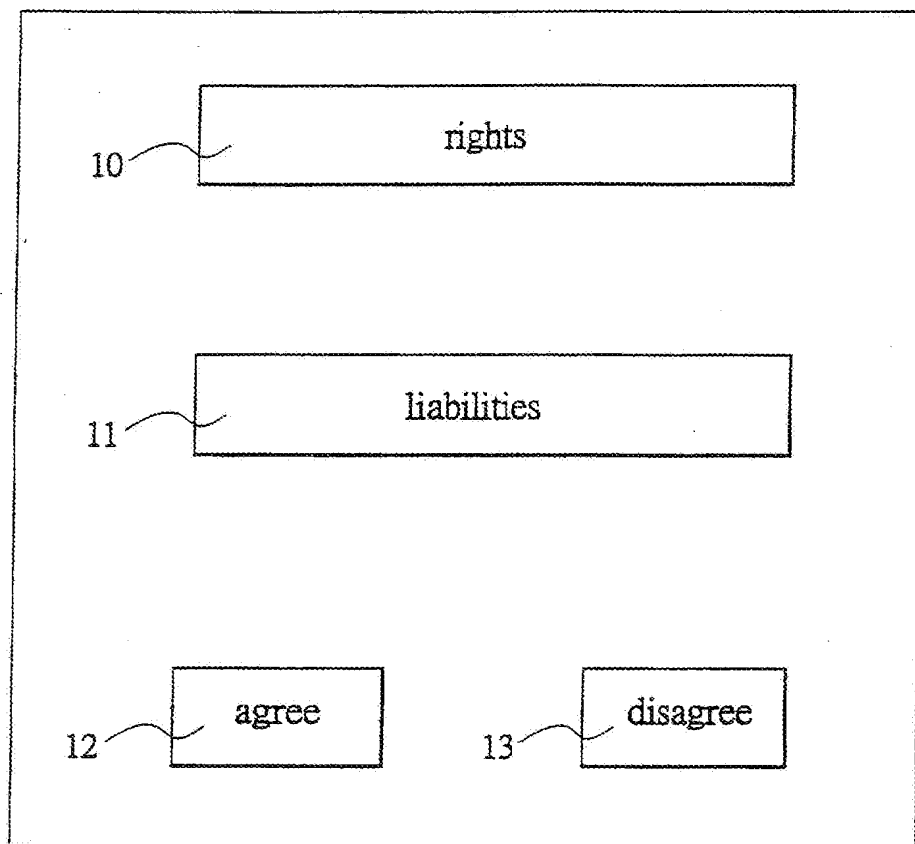


FIG. 2

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☐ All data hidden

	Password :	<input type="text"/>	※
	Name(Chinese) :	<input type="text"/>	※
	Name(English) :	<input type="text"/>	
<input type="checkbox"/>	Sex :	<input type="radio"/> male <input type="radio"/> female	※
<input type="checkbox"/>	Age	<input type="text"/>	※
	Country:	<input type="text"/>	※
<input type="checkbox"/>	Address:	<input type="text"/>	※
<input type="checkbox"/>	E-mail:	<input type="text"/>	※
<input type="checkbox"/>	http:	<input type="text"/>	
	Country code:	<input type="text"/>	Area code: <input type="text"/>
<input type="checkbox"/>	Tel (H):	<input type="text"/>	※
<input type="checkbox"/>	Fax(H):	<input type="text"/>	
<input type="checkbox"/>	Mobile phone :	<input type="text"/>	
<input type="checkbox"/>	Pager :	<input type="text"/>	
<input type="checkbox"/>	Bulletin board: (Personal)	<input type="text"/>	
	<input type="button" value="Send"/>	<input type="button" value="Clear"/>	

15 14

FIG. 3

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Please input your card number and password

Card number :

Password:

FIG. 4

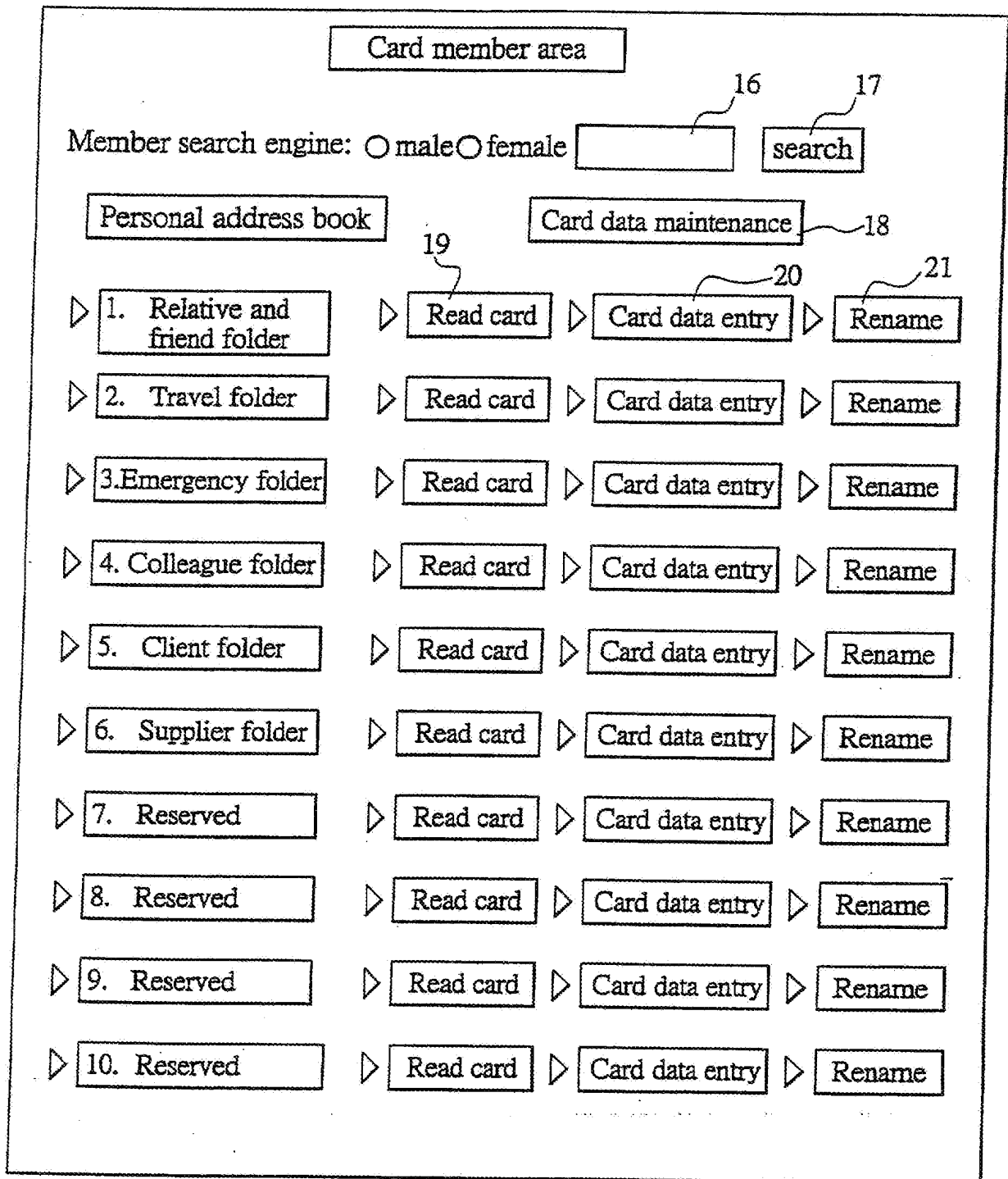


FIG. 5

## CARD SYSTEM FOR THE INTERNET

### FIELD OF THE INVENTION

The present invention relates to Internet and more particularly to a  
5 card system for the Internet capable of collecting card data and  
providing the same to user in a convenient manner.

### BACKGROUND OF THE INVENTION

Conventionally, card has been used as a convenient way to  
10 introduce oneself other persons in making a visit especially in the  
business field. It is known the one person may quickly have many cards  
after a relatively short period of time. Typically, these cards are stored in  
a folder or album. Some people have implemented a sort technique in  
the folder(s)/album(s) for facilitating to find the desired card.

15 But this is unsatisfactory for the purpose for which the present  
invention is concerned for the following reasons: Folder/album is not  
convenient to carry. It is still not efficient to find the desired card(s) even  
the folder/album is sorted. This case is even worse if there are a  
plurality of folders/albums.

20 Another prior art card scanner is commercially available. This  
scanner can scan the data printed on card and sort it prior to sending  
the same to computer to store in the harddisk. A user can input a key  
(e.g., name) in the computer in order to find the desired person as well  
as data associated therewith. Such scanner may manage cards for user  
25 in a relative convenient way. But there are still some disadvantages. For  
example, data error. This is because either a poor printing on the card or  
low text recognition capability of the scanner. As such, it is sometimes

necessary for user to key in the erroneous data again. This is quite inconvenient. Further, the cost of scanner is relatively expensive.

Thus, it is desirable to provide a novel card storage and retrieval system which is convenient and efficient in use.

5

## SUMMARY OF THE INVENTION

It is therefore an object of the present invention to provide a card system for the Internet having the features of respective user having a unique card number as username for accessing the Internet, capable of  
10 updating data in any time and providing the same to the Internet in real time, without printing new card and keeping many cards, establishing a personal address book, accessing data through the Internet by input the card number to open a card folder, and querying updated data. Thus, a conventional card folder/album is eliminated.

15 It is another object of the present invention to provide a card system for the Internet having the feature of establishing a user homepage thereon. This homepage provides at least one window to hide all private data of a user or a certain item of all users. User may tick on a field in the window to effect the above feature. This provides user the  
20 functionality to open his/her information to the public in a controlled way.

It is still another object of the present invention to provide a card system for the Internet having the feature of issuing a unique number as card number and a password after completing registration. With the  
25 card number and password, user may login to update private data, establish a dedicate database, and use search engine.

It is yet another object of the present invention to provide a card



system for the Internet having the feature of after clicking the "send" button, user may access his/her homepage or association's homepage thereof, input his/her data (or company's data even a subsidiary company's data ), or input his/her association data.

5        It is a further object of the present invention to provide a card system for the Internet having the feature that a first user may print card number on the card such that a second user may input this card number in the system to search relevant data if the second user has the first user's card and the second user is member of the card system. The  
10       second user may further employ such relevant data to update his/her own database.

      It is still further object of the present invention to provide a card system for the Internet having the feature of allowing each registered member to have ten folders each comprising a card member area and a  
15       non card member area wherein the card member may use search engine to query and collect cards data, or collect cards by directly input card number, and non card member may collect cards by directly input card data. User may name each folder.

      It is still further object of the present invention to provide a card  
20       system for the Internet wherein the search engine comprises a user query a and a member query. The search engine is provided on the homepage of the system available to all users and members. For user query, only name and address are shown after search. For member query, a detailed information is shown after search.

25       It is still further object of the present invention to provide a card system for the Internet wherein real time updated data is available in the registration for user to access.

It is still further object of the present invention to provide a card system for the Internet wherein user may click help button on screen in case of forgetting card number and/or password for help. The system will prompt an original e\_mail number for user to input and reissue a  
5 card number and password to the user by e\_mail if the input number is correct.

It is still further object of the present invention to provide a card system for the Internet comprising a world wide database having the feature of issuing an identification (ID) of the card number based on  
10 the country code in the world wide web (WWW) such that the invention may be implemented in the world.

It is still further object of the present invention to provide a card system for the Internet comprising a guest book button for visitor such that visitor may leave a message when accessing this. This guest book  
15 button serves as a communication channel between cardcarrier and visitor.

It is yet further object of the present invention to provide a card system for the Internet having the feature of providing personal commercials, personal virtual website packages, a rights and liabilities  
20 declaration, and services on each page appeared on the system.

The above and other objects, features and advantages of the present invention will become apparent from the following detailed description taken with the accompanying drawings.

## 25 BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a schematic view of a homepage of a card system for the Internet according to the invention;

FIG. 2 is a schematic view of the second page (registered as a member) of the card system for the Internet according to the invention;

FIG. 3 is a schematic view of the third page (data entry) of the card system for the Internet according to the invention;

5      FIG. 4 is a schematic view of the fourth page (member entry) of the card system for the Internet according to the invention; and

FIG. 5 is a schematic view of the fifth page (member) of the card system for the Internet according to the invention.

## 10    DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

Referring to FIGS. 1-5, there is shown a card system for the Internet constructed in accordance with the present invention capable of collecting card data and providing the same to user in a convenient manner. Once visit the system, it will show "about" button 1,  
15 "registration" button 2, "data entry" button 3, "member" button 4, "help" button 5, "user search engine" button 6, "search" button 7, "guest book" button 8, and "rights and liabilities declaration of registrant" button 9 (FIG. 1). Each button is associated with a page. User may click each button to visit the page in order to input personal data and  
20 establish a dedicate database. The function of each button is detailed below.

For "about" button 1 regarding personal data, a plurality of functions are shown on the associated page such as online login, card number issuing, establishing a dedicate database, search engine, query  
25 of card number and password, and personal marketing.

For "registration" button 2, user may follow the instructions to become a member of the system.

□

For "data entry" button 3, a "rights" field 10 and a "liabilities" field 11 are shown on the "rights and liabilities declaration" page (FIG. 2). User may read information about the "rights" and "liabilities" by clicking the corresponding buttons respectively. If user does not agree with the "right" and "liabilities", he/she may click a "disagree" field 13 to exit the page or even the system. If yes, he/she may click an "agree" field 12 to enter "data entry" page (FIG. 3). User may input data accordingly wherein visitor with a "※" to the right is required to fill in, while visitor without a "※" is optional. Further, a complete or partial data hidden option is available thereon. That is, if user ticks on the box to the left of "all data hidden" field, all input data are not available to the public. Alternatively, user may tick on the box to the left of each desired field to enable the hidden function associated with that field. User may review the previous data entry. If there is any error found, he/she may click the "clear" button 14 to clear all data entry and input again. If no error, user may click the "send" button 15 which in turn activates system to send a card number to user's e\_mail address. This user as a first user may print the card number on the card such that a second user may input the card number in the system to search relevant data if the second user has the first user's card and the second user is member of the card system. The second user may further employ such relevant data to update his/her own database.

Alternatively, after clicking the "send" button 15, user may access his/her homepage or association's homepage thereof. As such, user may input company's data or even a subsidiary company's data in the card, or input his/her association's data in the association card.

For "member" button 4, a member only page is shown (FIG. 4). A prompt to input user's card number and password is shown. If the input is correct, user may enter the card system for the Internet. User may click "help" button 5 on screen in case of forgetting his/her card number and/or password for help. The system will prompt an original e\_mail number for user to input and reissue a card number and password to the user by e\_mail if the input number is correct.

Referring to FIG. 5 specifically, user may input multiple conditions in the "member search engine" button 16 to further activate "search" button 17. A plurality of classified items are shown on the same page accordingly for member to choose in order to add it to the "personal address book" field.

User may click "read card" button 19 to cause system to prompt a card member area and a non card member area for reading. If user clicks "card data entry" button 20, system will correspondingly prompt card member area and non card member area which user may directly input card data. This is a convenient design for non card member users to access the novel function of the invention.

User may click "rename" button 21 to cause system to prompt a new window name for user to input. Each registered member is allowed to establish ten folders based on his/her own sorting design. Each folder can have as many card records as possible.

For "user search engine" button 6, it is available to card members and non card members. A non card member may input conditions or other relevant data for querying information associated with the desired cardcarrier. System will show corresponding name and address of that cardcarrier if these conditions or data determined to be correct.

However, a detailed information of that cardcarrier is only available to card member who uses "member search engine" 16 to search. This is a fair policy. For "guest book" button 8, visitor may leave a message when accessing this. This "guest book" button 8 serves as a communication  
5 channel between cardcarrier and visitor. All visitors' message are shown on the page for any user who clicks the "guest book" button 8.

Additionally, personal commercials, personal virtual website packages, a rights and liabilities declaration, and services are shown on each page on the system.

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#### ADVANTAGES OF THE INVENTION

This invention is an efficient and convenient system. This invention has the features of respective user having a unique card number as username for accessing the Internet, capable of updating data in any  
15 time and providing the same to the Internet, without printing new card and keeping many cards, establishing a personal address book, accessing data through the Internet, and querying updated data in a real time manner. Thus, a conventional technique of printing new cards and keeping many cards as well as card folder/album are eliminated.

20 While the invention herein disclosed has been described by means of specific embodiments, numerous modifications and variations could be made thereto by those skilled in the art without departing from the scope of the invention set forth in the claims.

## CLAIMS

□

□

- 5 1. A card system for the Internet capable of collecting card data and providing the same to a user, the system including a homepage having an about button, a registration button, a data entry button, a member button, a help button, a user search engine button, a search button, a guest book button, and a rights and liabilities declaration of registrant
- 10 button, a method for operating the system during live connection to the Internet, the method comprising the steps of:
- a) clicking the about button regarding personal data to enable a plurality of functions to show on an associated page;
- b) clicking the registration button and the rights and liabilities
- 15 declaration button to enter a page with a rights field, a liabilities field, an agree field, and a disagree field such that the user may read information about the rights field and the liabilities field by clicking thereon respectively, if the user does not agree with the right and the liabilities the user may click the disagree field to exit the page or the
- 20 system, if yes, the user may click the agree field to enter the data entry button to further enter a page for the user to input data accordingly;
- c) clicking the send button to cause the system to send a card number to an e\_mail of the user, the user's homepage, and an association homepage associated with the user;
- 25 d) clicking the member button to enter a member only page having a user's card number and a user's password fields requesting the user to input accordingly; and

e) entering the system if the input in step d) is correct, thereby enabling to maintain card data, establish a personal address book, and search data associated with all members.

5    2. The method of claim 1, wherein in the homepage of the system click the registration button to allow the user to become a member of the system by following instructions provided thereon.

10    3. The method of claim 1, wherein in the homepage of the system click the data entry button to enter a page to input data in a plurality of fields wherein each field a predetermined mark thereon is required to fill in and each field without the predetermined mark thereon is optional.

15    4. The method of claim 1, wherein in the page of the data entry button further comprising a complete data hidden field and a plurality of partial data hidden fields such that the user may choose accordingly.

20    5. The method of claim 1, wherein in the page of the data entry button further comprising a clear button to clear all previously input data if there is an error therein.

25    6. The method of claim 1, wherein in the system that a first user may print the card number on a card such that a second user may input the card number in the system to search relevant data if the second user has the first user's card and the second user is a member of the system, thereby enabling to add it to the personal address book.



7. The method of claim 1, wherein in the system that the user may input data of the user's company and the user's subsidiary company into the user's card.
- 5 8. The method of claim 1, wherein in the system that the user may input data of the user's predetermined association into the predetermined association.
9. The method of claim 1, wherein in the system that the user may click  
10 the help button for help in case of forgetting the card number and password thereof, thereby enabling the system to prompt an original e\_mail number for the user to input and reissue the card number and password to the user by e\_mail.
- 15 10. The method of claim 1, wherein in the page of the member button further comprising a member search engine field such that the member may input a plurality of conditions in the member search engine field to search all data of the members of the system for choosing and adding one or more desired data to the personal address book.
- 20 11. The method of claim 1, wherein in the page of the member button the member may establish or read the personal address book which is updated by the system based on data transaction.
- 25 12. The method of claim 1, wherein in the page of the member button the member may establish ten folders based on the member's sorting order wherein each of the folders has one or more card records.

13. The method of claim 1, wherein in the homepage of the system all users and member may click the user search engine button for querying name and address of the member.

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14. The method of claim 1, wherein in the homepage of the system a visitor may click the guest book button to enter a visitor message page to leave a message, thereby enabling the visitor message page to serve as a communication channel between the system and the visitor and  
10 showing the all visitors' message by clicking on the visitor message page.

15. The method of claim 1, wherein in each of the pages of the system further comprising personal commercials, personal virtual website  
15 packages, a rights and liabilities declaration, and services.

16. A card system for the Internet substantially as described herein with reference to the drawings.

17. A method of operating a card system for the Internet substantially as described herein with reference to the drawings.



Application No: GB 9930230.9  
Claims searched: 1-17

Examiner: Mike Davis  
Date of search: 16 October 2000

## Patents Act 1977 Search Report under Section 17

### Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.R): G4A (AUIDB)

Int Cl (Ed.7): G06F

Other: Online: WPI, EPODOC, JAPIO

### Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
A	GB 2328304 A (KEN SCOTT...) eg abstract	-

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.